



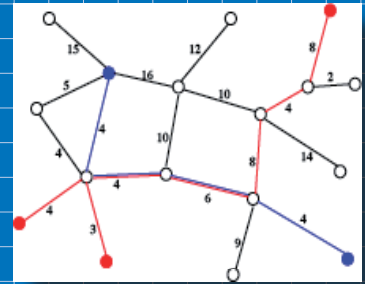
**Berlin
Mathematical
School**

BMS Fridays Colloquium

Friday, 9 January 2009, 2:00 pm

Tea before the lecture starts at 1 pm

BMS Loft, Urania
An der Urania 17, 10787 Berlin



Susanne Albers (University of Freiburg):

"Network Design Games"

The Internet is a computational artifact that was not designed by a central authority but emerged from distributed, uncoordinated and selfish actions of many economic agents. Current research uses game theoretic approaches to understand the formation of large networks. In this talk Susanne Albers will study various network design games and consider both non-cooperative and cooperative environments. She is interested in stable networks that are resilient to deviations of individual or groups of agents, and works on proving upper and lower bounds on the performance of such networks.

